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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,032	10/23/2003	Wei Wu	224389	6451
27367	7590	05/16/2006	EXAMINER	
WESTMAN CHAMPLIN & KELLY, P.A. SUITE 1400 900 SECOND AVENUE SOUTH MINNEAPOLIS, MN 55402-3319			AHLUWALIA, NAVNEET K	
			ART UNIT	PAPER NUMBER
			2166	

DATE MAILED: 05/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

6

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/692,032	WU ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Navneet K. Ahluwalia	2166	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 23 October 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 7-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 7-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-6 and 16-24 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>04/28/2006</u>  | 6) <input type="checkbox"/> Other: _____                                    |

**DETAILED ACTION**

1. The application has been examined. Claims 7 – 15 are pending in this office action.

***Election/Restrictions***

2. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 1 – 6 are drawn to resource versions, classified in class 707, subclass 203.
  - II. Claims 7 – 15 are drawn to query processing and creating a file, classified in class 707, subclass 3.
  - III. Claims 16 – 20 are drawn to resource matching, classified in class 707, subclass 6.
  - IV. Claims 21 – 24 are drawn to language dependent files, classified in class 704, subclass 9.

The inventions are distinct, each from the other because of the following reasons:

Inventions in group I and group II are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention in group I has separate utility such as storing versions of resource files. The invention in group II has separate utility such as creating compacted resource files. See MPEP § 806.05(d).

Inventions in group I, II and III are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention in group

III has separate utility such as loading and matching resource files. See MPEP § 806.05(d).

Inventions in group I, II, III and IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention in group IV has separate utility such as combining language dependent resource files. See MPEP § 806.05(d).

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purpose as indicated is proper.

3. During a telephone conversation with Joseph R Kelly a provisional election was made with traverse to prosecute the invention of Group II. Affirmation of this election must be made by applicant in replying to this office action. Claims 1 – 6 and 16 – 24 are withdrawn from further consideration by the examiner, 37 CFR 1.142(b), as being drawn to a non-elected invention.

4. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

***Specification***

5. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

***Claim Rejections - 35 USC § 103***

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).
8. Claims 7 – 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Watkins et al. ('Watkins' herein after) (US 2004/0044953 A1) further in view of Lo et al. ('Lo' herein after) (US 5,758,347).

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With respect to claim 7,

Watkins discloses a computer-readable medium having computer-executable instructions for creating at least one compacted resource file, the computer-executable instructions comprising instructions for:

- reading a control file, wherein the control file specifies at least one compacted resource file and one or more resource files that are to be compacted into the at least one compacted resource file (paragraph 0079 – 0080, Watkins);
- reading the one or more resource files that are to be compacted into the at least one compacted resource file, wherein the reading the one or more resource files comprises reading header information from the one or more resource files and reading resource information from the one or more resource files (paragraph 0098, Watkins);
- storing the header information from the one or more resource files into one or more resource headers in the at least one compacted resource file (paragraph 0106, Watkins);
- storing the resource information from the one or more resource files into one or more resources in the at least one compacted resource file (paragraphs 0107 – 0108, Watkins);
- creating a compacted resource file header for each of the at least one compacted resource file (paragraphs 0132 – 0133, Watkins), wherein the compacted resource file header corresponds to the resource headers and the

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resources in the at least one compacted resource file (paragraphs 0102 – 0103, Watkins); and

- storing the compacted resource file header with the corresponding at least one compacted resource file (paragraphs 0123 and 0125, Watkins).

Watkins however does not expressly disclose the creation of the compacted file as claimed.

Lo teaches the creation of the compacted file (column 10 lines 52 – 67 and column 11 lines 1 – 5, Lo).

It would have been obvious to one of ordinary skill in the art of data processing at the time of the present invention to combine the teachings of cited references because they are in the same field of invention of storage. Furthermore the creation of compact containers taught by Lo would save storage space because of compression with regards to Watkins file header (the containers are objects that hold objects and they map to the physical medium on which data is stored, column 5 lines 1 – 24, Lo).

9. Claims 8 – 15 are rejected under the same rationale given for claim 7. The citations of the elements claimed and taught are listed below.

With respect to claim 8,

Lo teaches determining a memory offset for the one or more resources in the at least one compacted resource file and storing the memory offset for the one or more resources in the compacted resource file header (column 27 lines 33 – 49, Lo).

With respect to claim 9,

Lo teaches determining a memory offset for the one or more resources in the at least one compacted resource file and storing the memory offset for the one or more resources in the one or more resource headers in the at least one compacted resource file, the one or more resource headers corresponding to the one or more resources (column 27 lines 33 – 49, Lo).

With respect to claim 10,

Lo teaches wherein the computer-executable instructions for creating the at least one compacted resource file further comprise instructions for storing padding preceding the resources in the at least one compacted resource file (column 40 lines 14 – 23 and column 41 lines 3 – 5, Lo).

With respect to claim 11,

Lo teaches wherein the control file is in a text format (column 3 lines 55 – 63, Lo).

With respect to claim 12,

Lo teaches wherein the computer-executable instructions for creating the at least one compacted resource file further comprise instructions for terminating creation of the at least one compacted resource file if the control file does not specify at least one compacted resource file (column 12 lines 58 – 63, Lo).



With respect to claim 13

Watkins discloses wherein the one or more resource files that are to be compacted into the at least one compacted resource file are selected so that the at least one compacted resource file is sized to be a multiple of a minimum memory allocation segment (Figure 3 and paragraph 0083, Watkins).

With respect to claim 14,

Watkins discloses wherein the one or more resource files that are to be compacted into the at least one compacted resource file are language dependent resource files comprising language dependent resources (Figure 3 and paragraph 0074, Watkins).

With respect to claim 15,

Watkins discloses wherein the one or more resource files that are to be compacted into the at least one compacted resource file are selected so that language dependent resources of the same language and corresponding to related language specific components are compacted into the same compacted resource file (Figure 3 and paragraph 0100, Watkins).

**Contact Information**

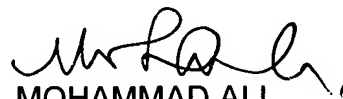
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Navneet K. Ahluwalia whose telephone number is 571-272-5636. The examiner can normally be reached on 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam T. Hosain can be reached on 571-272-3978. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Navneet K. Ahluwalia  
Examiner  
Art Unit 2166



MOHAMMAD ALI  
PRIMARY EXAMINER

Dated: 05/04/2006